

## **BIO**

Marc Cox obtained a BS in Biological Sciences from the University of Missouri-Columbia in 1995. He then moved to Tulane University where he worked under the guidance of Dr. Charles Miller, and obtained an MSPH in Environmental Health Sciences from the Tulane School of Public Health and Tropical Medicine in 1999, and a PhD in Molecular and Cellular Biology from Tulane University in 2003. After completing his PhD degree Dr. Cox moved to the Mayo Clinic in Scottsdale, Arizona as a Post-Doctoral Research Fellow under the guidance of Dr. David Smith. His Post-Doctoral work contributed to understanding the critical role of the FK506-Binding proteins (FKBP51 and FKBP52) in reproductive development and success in mammals. Since accepting a faculty appointment at the University of Texas at El Paso in 2007, Dr. Cox has continued his work on characterizing the role of this family of proteins in a variety of hormone-dependent diseases including prostate cancer. He is currently a Professor in the Department of Biological Sciences, Co-Director of the Toxicology and Cancer Cluster within the Border Biomedical Research Center, Director of the Center for Faculty Leadership and Development, and Deputy Director of the BUILDing SCHOLARS Center at the University of Texas at El Paso. Dr. Cox is a molecular endocrinologist with expertise in intracellular receptor signaling pathways. In addition to identifying, characterizing, and therapeutically targeting steroid hormone receptor regulatory proteins for the treatment of prostate cancer, he also has expertise in various model systems, including yeast, that prove useful in large-scale toxicity screens, as well as for high throughput screens for novel drug candidates. Dr. Cox has expertise in molecular chaperone-mediated stress response and also maintains a wealth of reagents relevant for research in any system and/or disease involving chaperones and the stress response including a wide variety of cancers, neurodegenerative diseases and toxicant-induced cellular stress. As a result, Dr. Cox collaborates on a number of projects that are outside of his major research foci. In addition to environmental monitoring and prostate cancer therapeutics, Dr. Cox has published with collaborators in areas as diverse as Alzheimer's Disease, stress and depression, and chronic pain.

## **VISION STATEMENT**

I am honored to have been nominated for this position and I would be equally honored to serve in this capacity if elected. The Society of Basic Urologic Research (SBUR) has had a major impact on my own career trajectory over the last decade; directly contributing to many positive professional relationships, collaborations, and visibility for my scientific discoveries. Thus, I have not only benefited from the society, but I have come to fully appreciate the opportunities the society affords young investigators, and the impact the society has on the advancement of science. Regardless of the result of this election, I am committed to serving the SBUR in any capacity to increase membership and participation, diversify the membership, broaden the research expertise among the membership, continue and enhance support for trainees and early career investigators, enhance the national and global visibility of the society, and enhance revenue streams and funding for the annual conference. I look forward to many more years of working with the SBUR and its membership to advance good science, and to maintain the SBUR's stature as the premier national organization for basic urologic research.